



00684.003060.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
YUKIO HANYU) : Examiner: S. Wu
Appln. No.: 10/681,940) : Group Art Unit: 1756
Filed: October 10, 2003) :
For: SINGLE-CRYSTALLINE FILM AND) : December 29, 2004
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INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 CFR 1.56 and in accordance with the practice under 37 CFR 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449. Copies of the non-U.S. documents are enclosed.

U.S. Patent No. 4,892,392 corresponds to JP 63-064029 and U.S. Patent No. 6,195,147 corresponds to JP 11-101993.

These documents were cited in Office Actions issued on April 13, 2004 and November 2, 2004 in counterpart Japanese Patent Application No. 2000-256835. Copies

of the Office Actions are also enclosed.

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below listed address.

Respectfully submitted,



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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)
(Use several sheets if necessary)

Submitted to the PTO: December 29, 2004

ATTY DOCKET NO.
00684.003060.1APPLICATION NO.
10/681,940

APPLICANT

Yukio HANYU

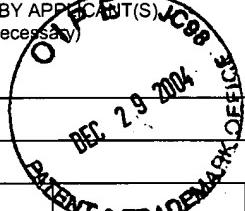
FILING DATE

October 10, 2003

GROUP

1756

U.S. PATENT DOCUMENTS



| *EXAMINER INITIAL | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|-------------------|---------------------|-------------------|---------------------|------------|--------------|----------------------------|
| | 6,195,147 B1 | 02/27/2001 | Asao, et al. | 349 | 133 | |
| | 4,892,392 | 01/09/1990 | Broer | 350 | 339 R | |
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FOREIGN PATENT DOCUMENTS

| | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
|--|------------------|-------------------|--------------|-------|----------|---------------------------------|
| | 11-101993 | 04/13/1999 | Japan | | | Abstract |
| | 03-280013 | 12/11/1991 | Japan | | | Abstract |
| | 63-64029 | 03/22/1988 | Japan | | | Abstract |
| | 62-036095 | 02/17/1987 | Japan | | | Abstract |
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OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

M. Petrov, et al., "Surface Induced Transitions in the Nematic Phase of 4-n Octyloxybenzoic Acid," Journal of Physics II, France, May 1992, Vol. 2, No. 5, pp. 1159-1193.

M. Petrov, et al., "Wall Orientation of Smectic C Liquid Single Crystals," Mol. Cryst. Liq. Cryst., Vol. 82, pp. 221-229, 1982.

EXAMINER

DATE CONSIDERED